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(71) Applicant (for all designated States except US): KONIN-KLIJKE PHILIPS ELECTRONICS, N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) Inventors; and

(75) Inventors/Applicants (for US only): LILLEY, Ronald C. [US/US]; P.O. Box 3001, Briarcliff Manor, NY 10510-8001 (US). HALL, Scott E. [US/US]; P.O. Box 3001, Briarcliff Manor, NY 10510-8001 (US). PACE, John W. [US/US]; P.O. Box 3001, Briarcliff Manor, NY 10510-8001 (US). BRYANT, William E. [US/US]; P.O. Box 3001, Briarcliff Manor, NY 10510-8001 (US). GREZ, Joseph W. [US/US]; P.O. Box 3001, Briarcliff Manor, NY 10510-8001 (US).

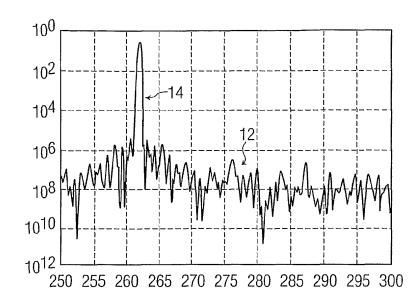
(74) Common Representative: KONINKLIJKE PHILIPS ELECTRONICS, N.V.; P.O. Box 3001, Briarcliff Manor, NY 10510-8001 (US).

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(54) Title: CHANGING AMPLITUDE OF MOVEMENT BY CHANGING THE DRIVE FREQUENCY OF A TOOTHBRUSH BRUSHHEAD



(57) Abstract: The drive system drives a brushhead at a driving frequency. The drive system includes a frequency modulation system which changes. the driving frequency about a center frequency in such a manner, with selected frequency deviation and modulation frequency, which interacts with the resonance of the brushhead to produce a change of amplitude in the movement of the brushhead within a range of 5-30%.

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Declarations under Rule 4.17:

— as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for the following designations AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, NA,

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